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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
09/673,565	10/17/2000	Kenjiro Miyashita	FURUYA CASE	8746
7590 01/22/2004 Flynn Thiel Boutell & Tanis 2026 Rambling Road			EXAMINER	
			HRUSKOCI, PETER A	
Kalamazoo, MI 49008-1699			ART UNIT	PAPER NUMBER
			1724	

DATE MAILED: 01/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Oglication Summary	· •	Application No.	Applicant(s)				
Peter A. Hruskoci - The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Estensicos of time may be swellber under the provisions of 3 r CPR 1.136(a). In no event, however, may a reply be timely filed after SIX (e) MONTH'S from the mailing date of this communication. If the period for reply sepecified above, the maximum statutory period will apply and will expire SIX (e) MONTH'S from the mailing date of this communication. If the period for reply sepecified above, the maximum statutory period will apply and will expire SIX (e) MONTH'S from the mailing date of this communication. If the period for reply sepecified above, the maximum statutory period will apply and will expire SIX (e) MONTH'S from the mailing date of this communication. If the period for reply sepecified above, the maximum statutory period will apply and will expire SIX (e) MONTH'S from the mailing date of this communication. If the period for reply sepecified above, the maximum statutory period will expire SIX (e) MONTH'S from the mailing date of this communication. If the period for reply sepecified above, the sent thinty (30) days will be considered timely. If the period for reply sepecified above, the maximum statutory period will expire SIX (e) MONTH'S from the mailing date of this communication. If the period for reply sepecified above, the sent thinty (30) days will be considered timely. If the period for reply septer sent the maximum statutory period will expire SIX (e) MONTH'S from the mailing date of this communication. If the period for the period to sent the maximum statutory period will expire SIX (e) MONTH'S from the mailing date of this communication. If the period for the period to sent the maximum statutory period will expire SIX (e) MONTH'S from the mailing date of this expire. If the period for the period to sent the sent this communicatio		09/673,565	MIYASHITA ET AL.				
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since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78. a) The translation of the foreign language provisional application has been received.	37 CFR 1.78.						
14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.	14) ☐ Acknowledgment is made of a claim for domes	stic priority under 35 U.S.C. &	§ 120 and/or 121 since a specific				
Attachment(s)	Attachment(s)						
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4) Interview Summary (PTO-413) Paper No(s) 5) Notice of Informal Patent Application (PTO-152) 6) Other:	Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) 🔲 Notice of Info	mmary (PTO-413) Paper No(s) pmal Patent Application (PTO-152) .				

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The disclosure is objected to because of the following informalities: In the specification on page 6 lines 1 and 2 "as" should be changed to - to form- for the sake of clarity and

Appropriate correction is required.

Claims 1-9 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In claim 1 "0.1 to 1.0" appears to be erroneous because page 10 line 6 of the specification appears to be drawn to - 0.5 to 2.0. In claim 1 "the resultant product lacks clear antecedent basis. In claims 1, 7, and 8 "when" and "treated", in claim 5 "outside", and in claim 9 "recovered to" are vague and indefinite because it is unclear how these terms further limit the claims. Claim 1 is considered incomplete because it is essential to the instant method that the oxidation method produce a crude gas, the crude gas be cooled in the cooling step, the washing step include washing carbon and removing carbon from the crude gas, and the desulfurizing step include the desulfurizing of the crude gas. In claim 4 "0.5 to 2.0" appears to be erroneous because it fails to further limit the % by weight in claim 1. Claims 2, 3, 5, and 6 depend from the above claims.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Claim 1 properly written to overcome the above 35 USC 112 rejection would be allowable.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter A. Hruskoci whose telephone number is (571) 272-

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1160. The examiner can normally be reached on Monday through Friday from 6:30AM-4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Blaine Copenheaver can be reached on (571) 272-1156. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-0987.

Peter A. Hruskoci Primary Examiner Art Unit 1724

1/12/04